VT Energy Codes

Collaborative? Coalition?

May 1, 2015
FOR TODAY'S DISCUSSION

• Welcome and Introductions
• What is an Energy Code Collaborative
• Mission
• Responsibilities
• Goals and priorities
• Future meeting schedule
• Short takes
NORTHEAST ENERGY EFFICIENCY PARTNERSHIPS

MISSION
Accelerate the efficient use of energy in the Northeast and Mid-Atlantic Regions.

APPROACH
Overcome barriers to efficiency through Collaboration, Education & Advocacy

VISION
Transform the way we think about and use energy in the world around us.

One of six Regional Energy Efficiency Organizations (REEOs) designated by U.S. DOE to support state efficiency policies
INTRODUCTIONS

• Name, organization
• What are you hoping to get out of the meeting / collaborative?
WHAT IS AN ENERGY CODES COLLABORATIVE?

Bringing together key stakeholders to support common interests around energy code adoption and compliance.

In a number of states, they have already proven successful for creating an open dialogue and clearinghouse for ideas and conversation concerning energy codes.
• Gap Analysis completed
• Approach for achieving **90% compliance** by February 1, 2017

Advise on what can realistically be implemented and to prioritize and carry out the tasks necessary to ensure greater compliance
AROUND THE REGION

- Delaware
- New Hampshire
- Pennsylvania
- Connecticut

Topic specific/ modified
- Maine
- Rhode Island

Focus
- Adoption
- Compliance plans
- Resource development
- Rating & Disclosure
- Trainings
- Support letters DOE funding

Delaware 2012 IECC FAQ

There are answers to commonly asked questions concerning the 2012 International Energy Conservation Code, the 2012 IECC. Please consult the code for more complete answers.

Who can I call if I have an energy code question?
In Delaware, the IECC has been mandated by legislation and the Division of Energy & Climate is responsible for administering it. Call our office at (302) 735-3480 for energy code questions.

Where can I get a copy?
You can purchase a copy from the Delaware Code Commission. You may also request a hard copy of the code online.

How can I meet the ventilation requirement?
You must install an intake and exhaust system, and the intake air must be used for ventilation. You can achieve this by installing a duct with an intake air supply to your HVAC system. You may also use another system for ventilation. You can use a duct to deliver the correct amount of air to your home.

Why am I required to ventilate my home after I just sealed it up?
You must ventilate your home after a blower door test to ensure that you meet the energy code requirements.

Some hints in the code are labeled as Mandatory - what does this mean?
These requirements are mandatory and must be met, regardless of whether or not you choose to complete them.

The code requires an air barrier - what is that?
An air barrier is a layer of material that surrounds the conditioned space. Any cracks, leaks, or gaps must be sealed before the wall is constructed.

Who is certified to complete Simultaneous Performance Path calculations?
The most common software for this calculation is HERS.
MISSION

Our **MISSION** is to facilitate compliance with the State’s building energy codes statewide and serve as a reliable and unbiased source for information on building energy codes and code compliance in **Vermont**. We will achieve our mission through a collaborative effort of identified market actors to better coordinate actions and policies affecting energy code compliance, and to identify and prioritize steps needed to achieve full compliance with building energy codes.
RESPONSIBILITIES OF MEMBERS

• Participate!
• Be respectful
  – Forum for discussion
• Targeted outreach
• Support implementation
• Identify opportunities
• Recommend future code updates
• Serves as an authoritative source for code-related information.
GOAL AND PRIORITIES

• Do we have the right stakeholders?
  – Who is missing from the group?

• What do you want to focus on?
  – Short term / long term?
  – Adoption? Compliance? Enforcement?

• What are the current needs?
FUTURE MEETINGS / SCHEDULE

• When do you want to meet?
• Monthly? Bi-monthly or quarterly?
• Location?
Commercial Building Energy Standards

On This Page:
- 2015 CBES
- 2011 CBES
- Training
- Back

This web page contains information about the Commercial Building Energy Standards (CBES) for Vermont.

The CBES has been revised as of November 2015 and applies to construction commenced on or after January 1, 2017. It also applies to most new commercial construction, including any building permit has been issued or applied for, or the option of complying with either the 2015 or the 2011 CBES.

Free hard copies of the updated Vermont Residential Building Energy Code Handbook for commercial buildings are available. Please contact the Energy Conservation Division at 802-828-3070 or 800-342-5345 to order hard copies when they become available.

Energy Efficiency Links
- EEU Performance Evaluation
- Res. Building Energy Code
- HERS Accreditation
- Energy Savings Resources
- Com. Building Energy Code
- School Energy Management
- Building Life Cycle Cost
- Energy Conservation Authority
SHORT TAKES: UPCOMING TRAINING

Blower Door Training

Current dates include:

- 5/13/15 - 8:00 AM to 12:00 PM; Gilmore Home in Bomoseen (RSVP: rsvp@gilmorehomecenter.com)
- 5/28/15 - 8:00 AM to 12:00 PM; Wilmington (RSVP contact and exact location will be posted on website soon)

* Effective 12/1/15 Act 250
SHORT TAKES:
CODE ADOPTION & COMPLIANCE TOOLKIT

• Adoption includes links to:
  – Code analyses and comparisons;
  – State amendments and model language;
  – Code case studies (e.g. stretch codes)
  – Code talking points (e.g. non-energy benefits)

• Compliance includes links to:
  – Code training materials, FAQs, inspection tools, and field guides;
  – Code compliance assessments;
  – Code case studies (e.g. streamlined permitting)
  – Code talking points (e.g. utility savings attribution)

• Private resources: available upon request
This upcoming paper will include:

- Regional and state-specific commercial and residential construction trends
- Analysis of the economic impacts of building code implementation
- Projections for energy cost and GHG emissions savings potentials for states considering enacting the newest energy codes.

Available soon!
Thank you!

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